

Fig.1

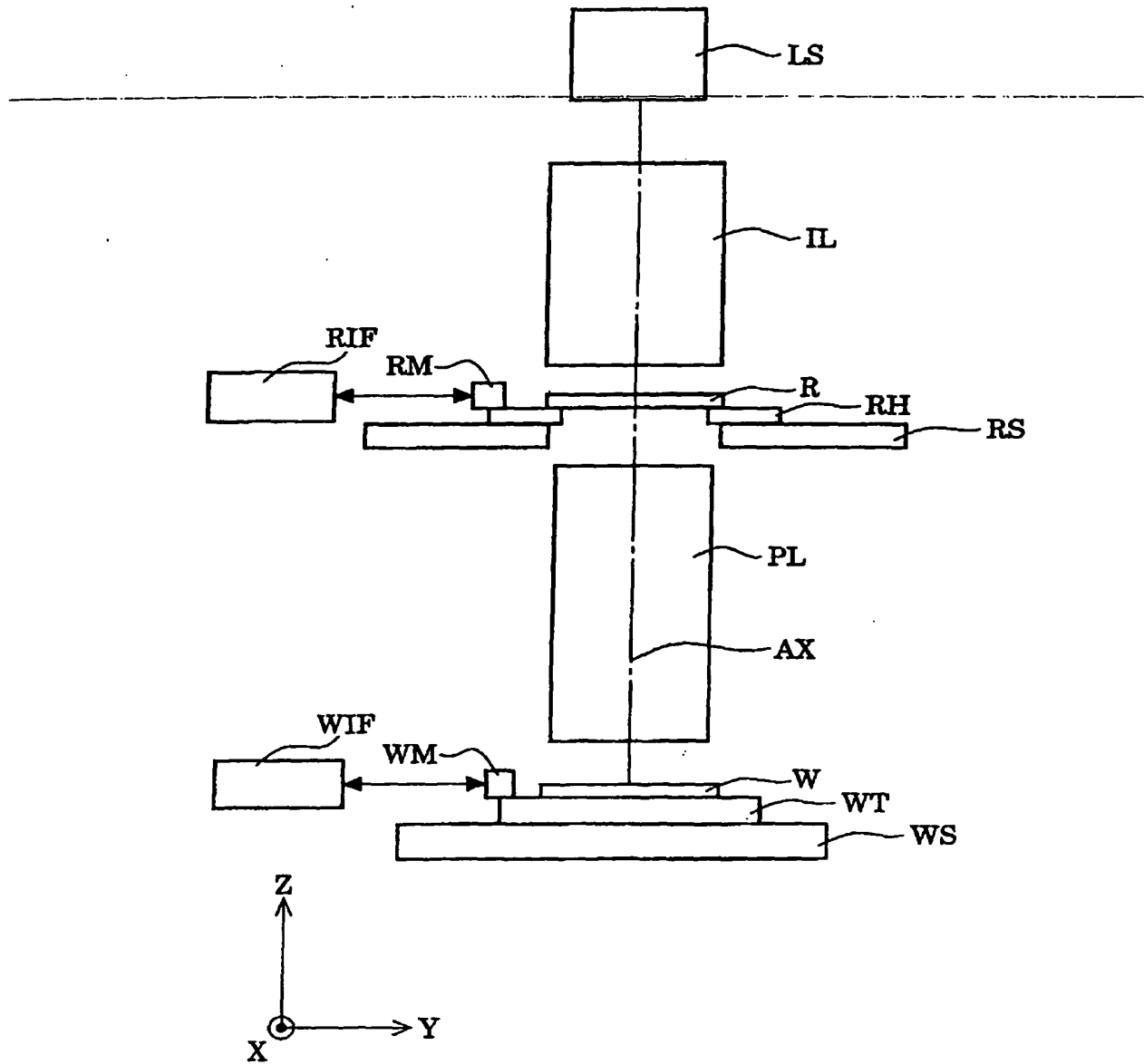


Fig.2

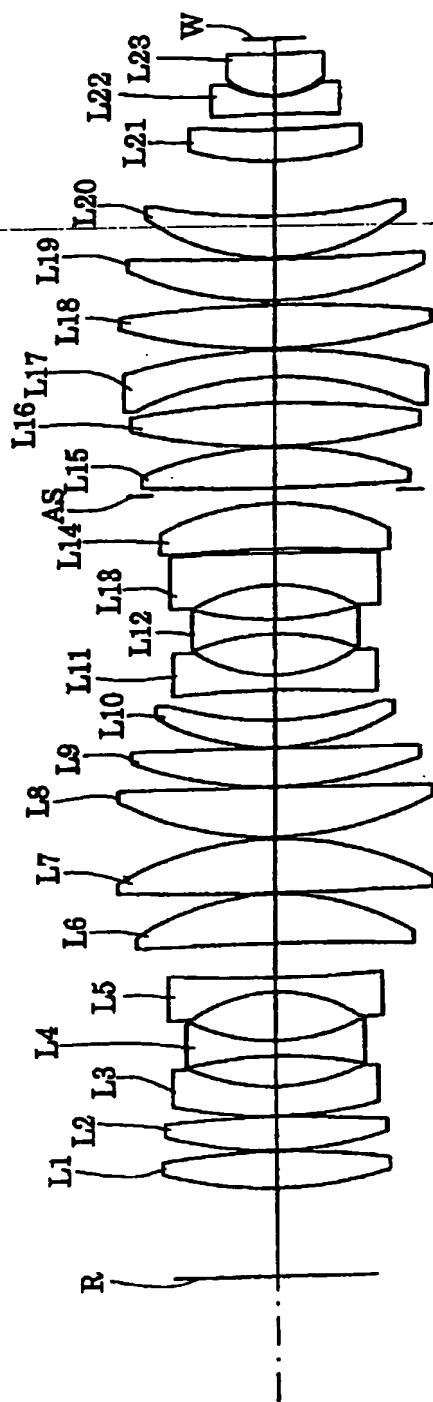


Fig.3A

SPHERICAL
ABERRATION

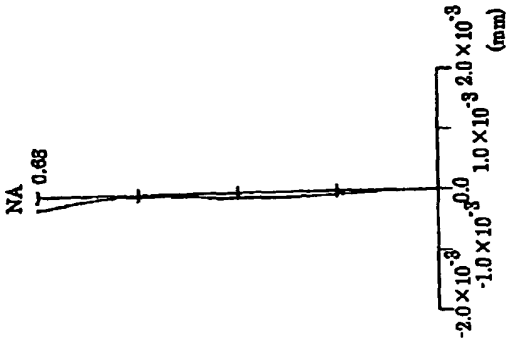


Fig.3B

ASTIGMATISM

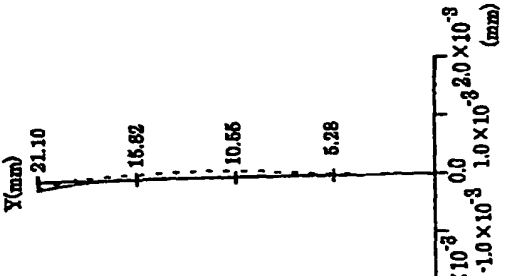
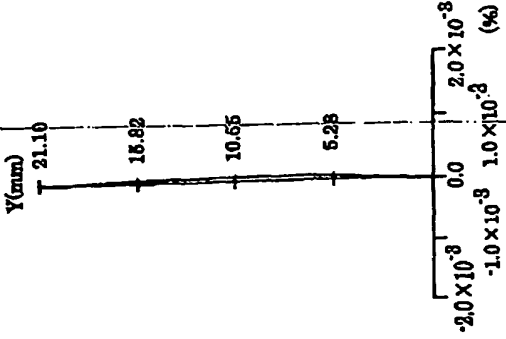


Fig.3C

DISTORTION



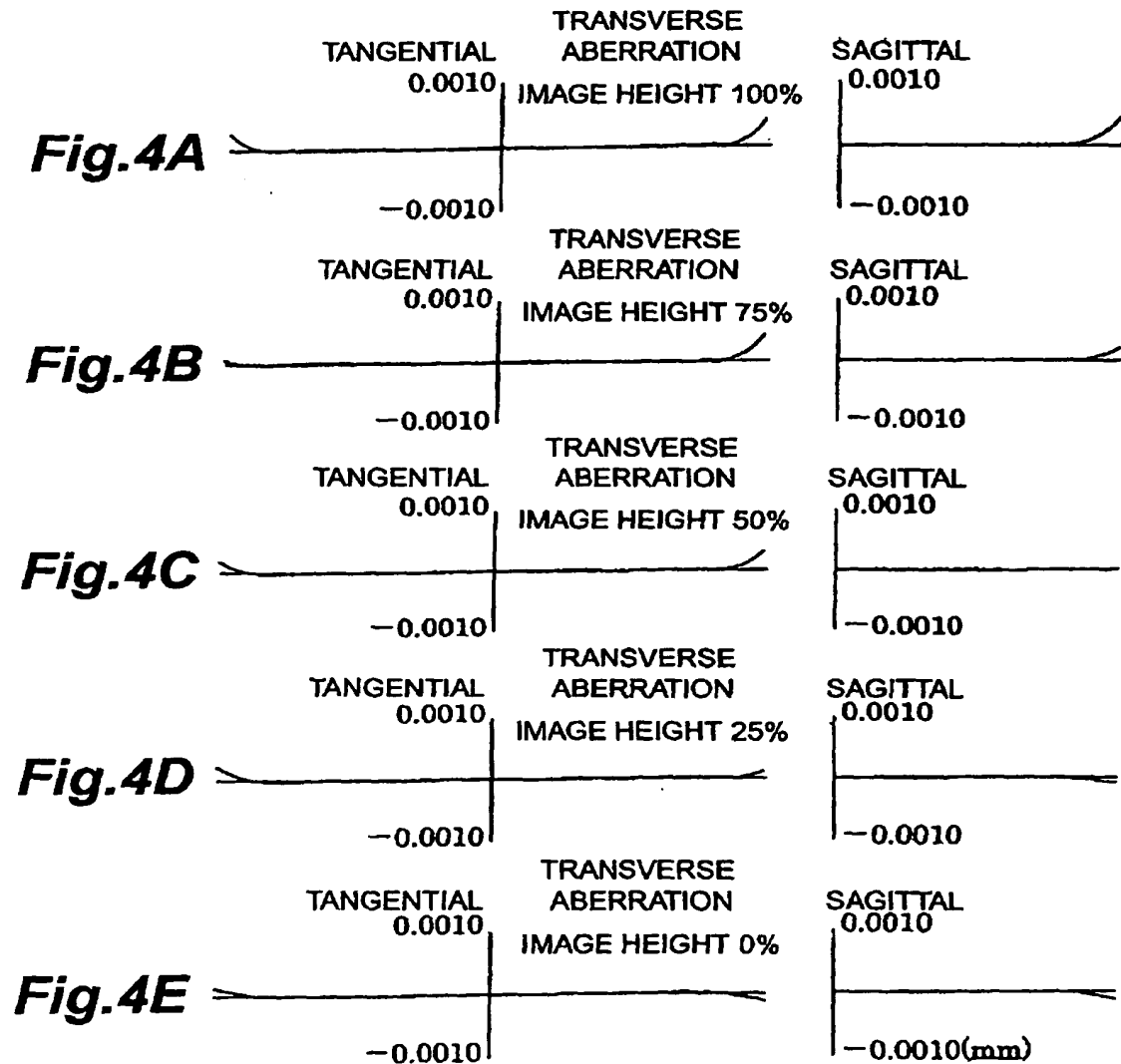


Fig.5

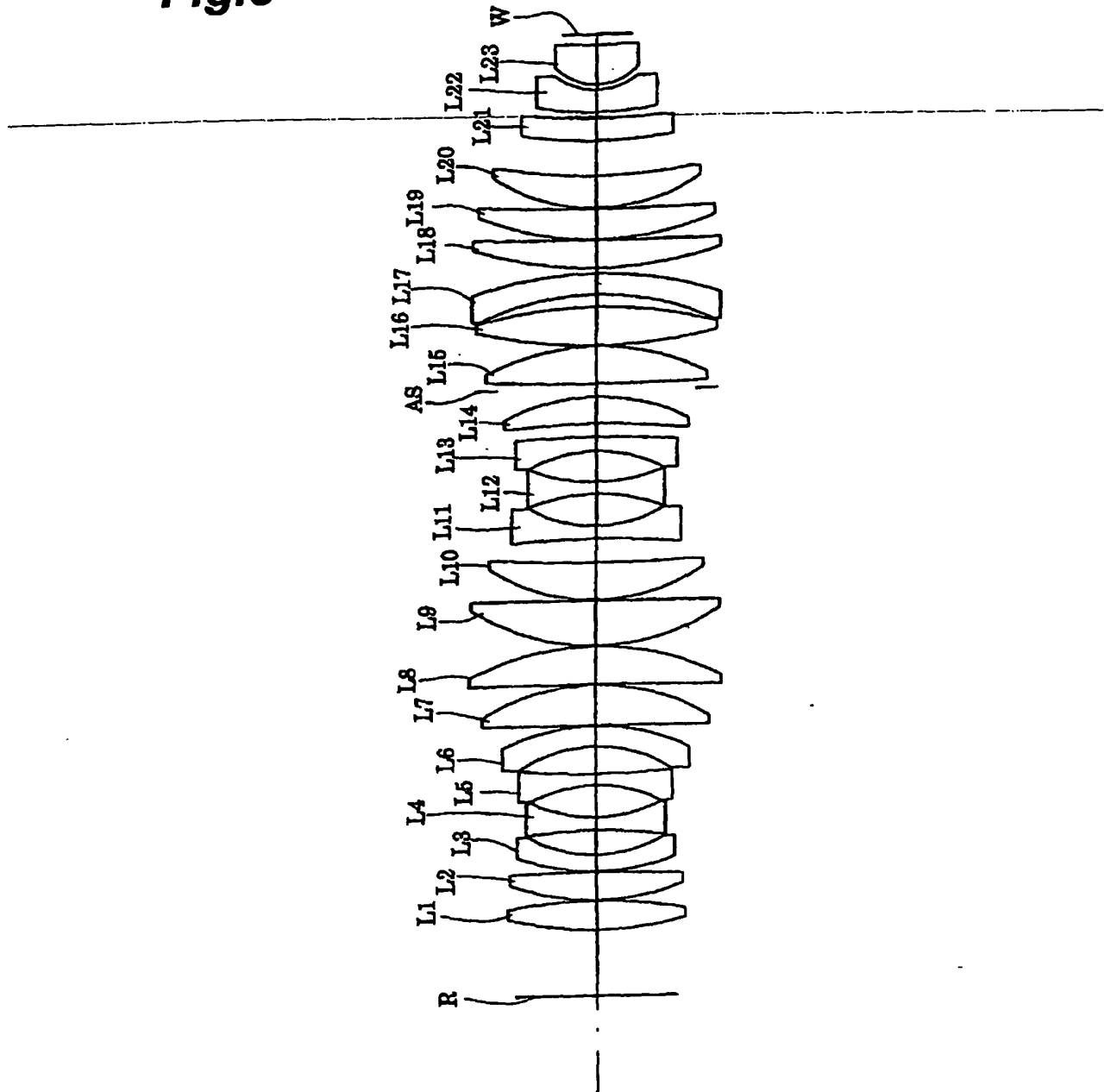


Fig. 6A

SPHERICAL
ABERRATION

NA

0.65

-2.0×10^{-3}
 -1.0×10^{-3}
0.0
 1.0×10^{-3}
 2.0×10^{-3}
(mm)

Fig. 6B

ASTIGMATISM

$Y(\text{mm})$

21.10

15.82

10.55

5.28

-2.0×10^{-3}
 -1.0×10^{-3}
0.0
 1.0×10^{-3}
 2.0×10^{-3}
(mm)

Fig. 6C

DISTORTION

$Y(\text{mm})$

21.10

15.82

10.55

5.28

-2.0×10^{-3}
 -1.0×10^{-3}
0.0
 1.0×10^{-3}
 2.0×10^{-3}
(%)

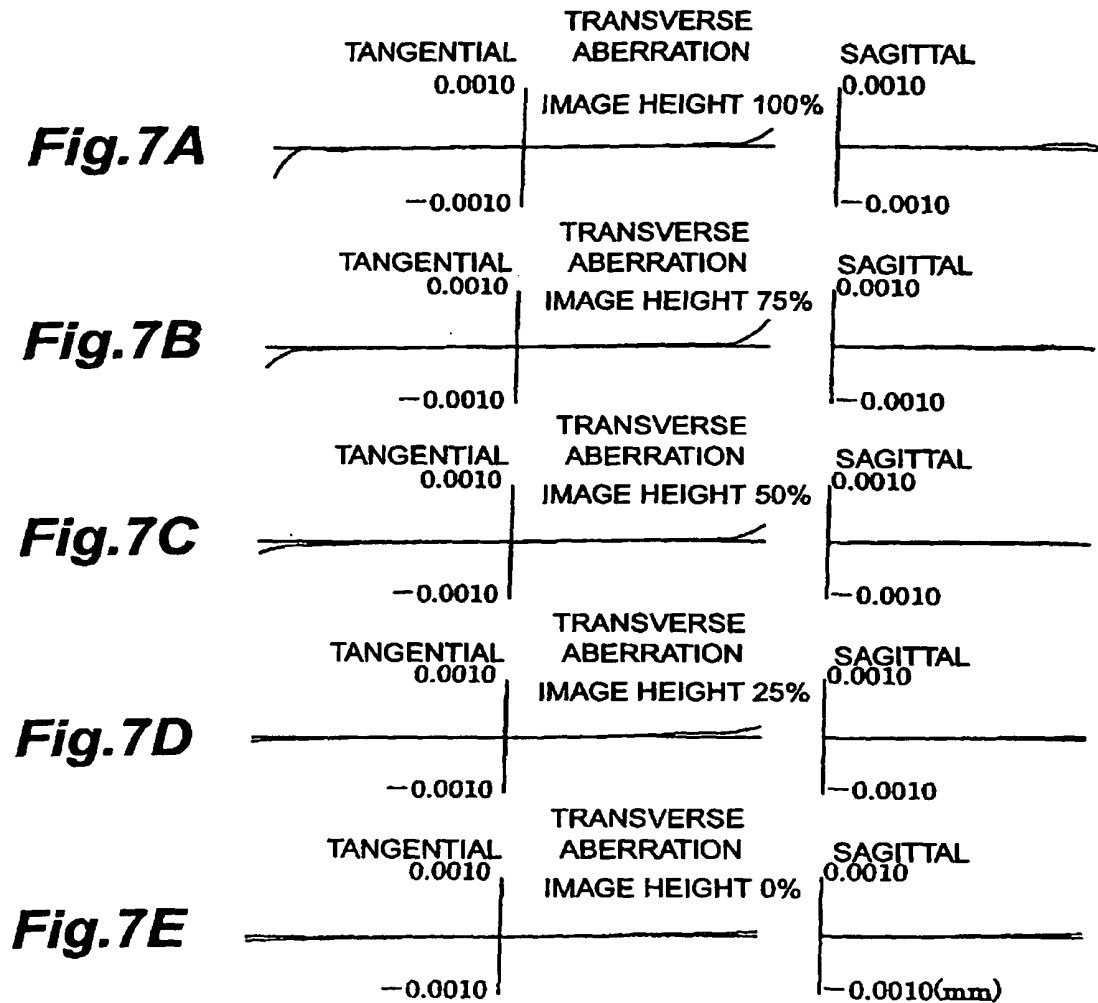
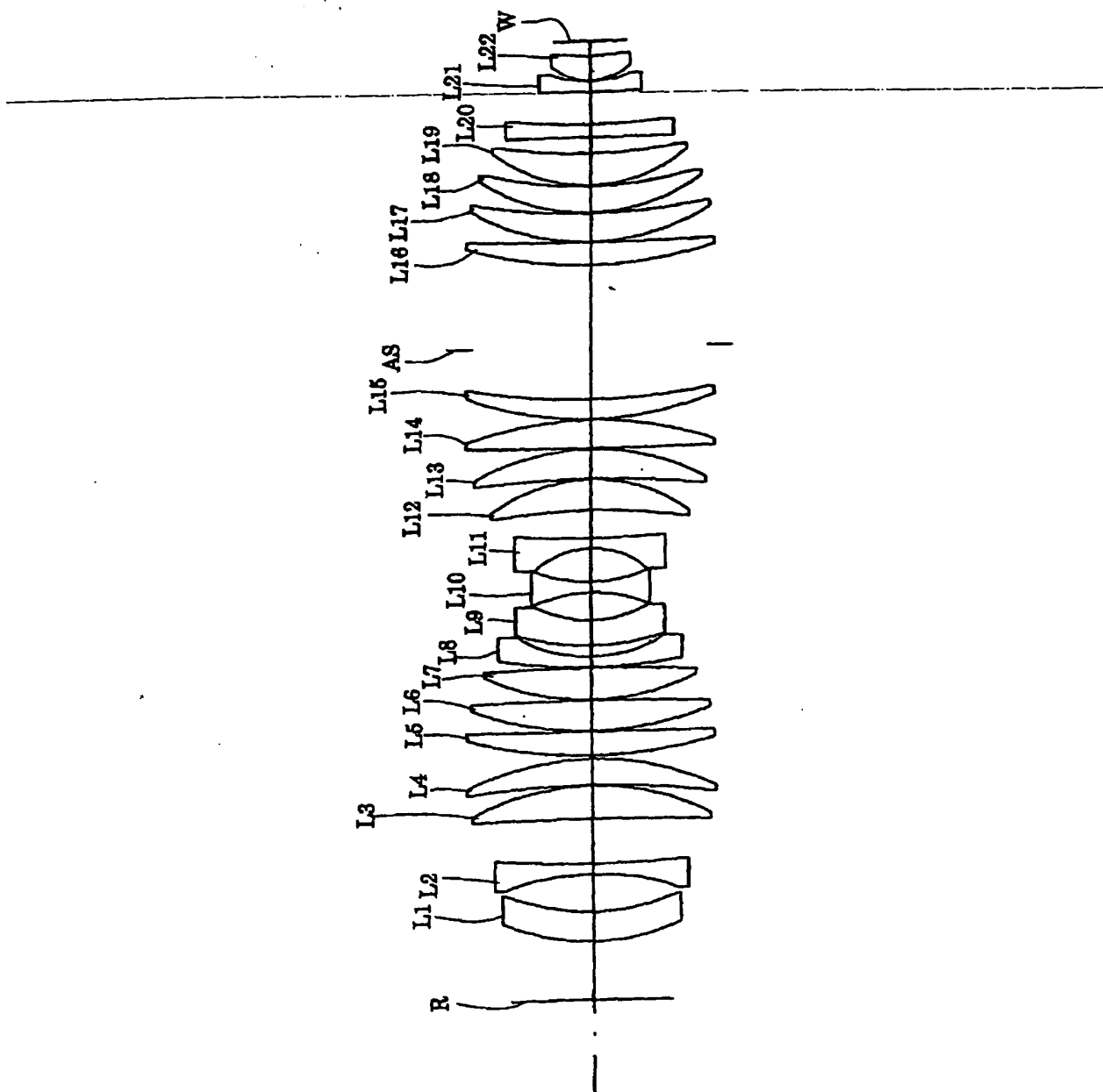


Fig.8



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Fig.9A

SPHERICAL
ABERRATION
NA

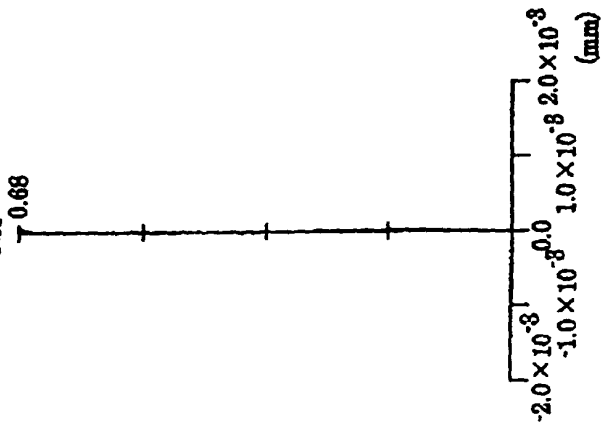


Fig.9B

ASTIGMATISM
Y (mm)

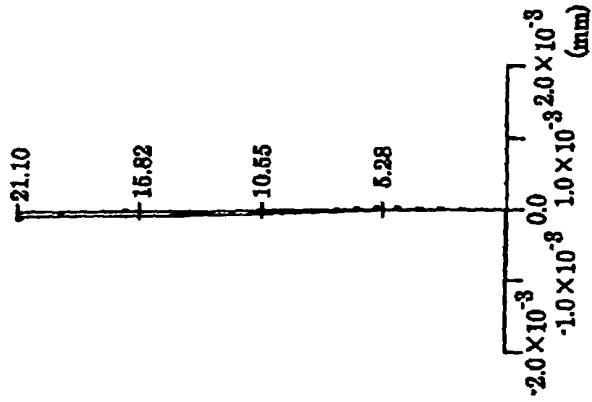
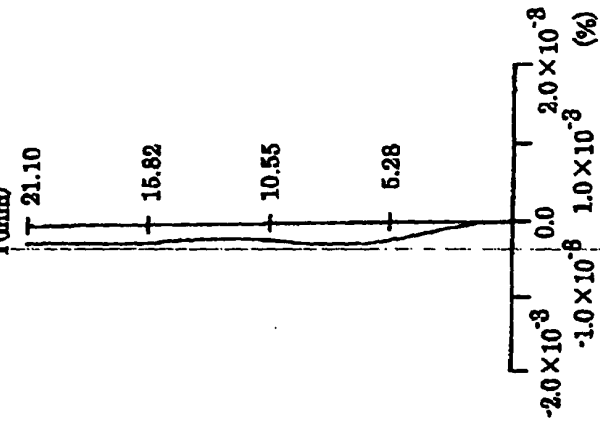


Fig.9C

DISTORTION
Y (mm)



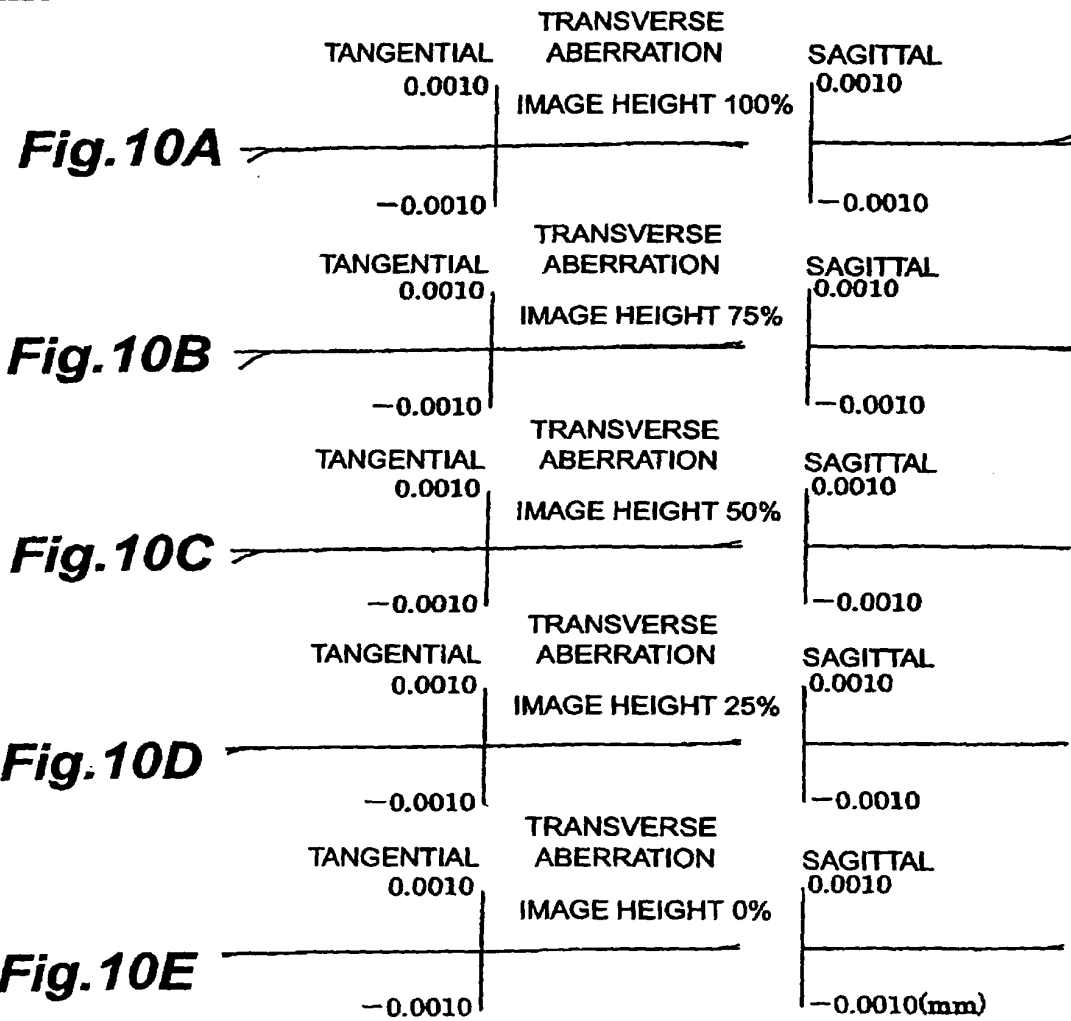


Fig.11

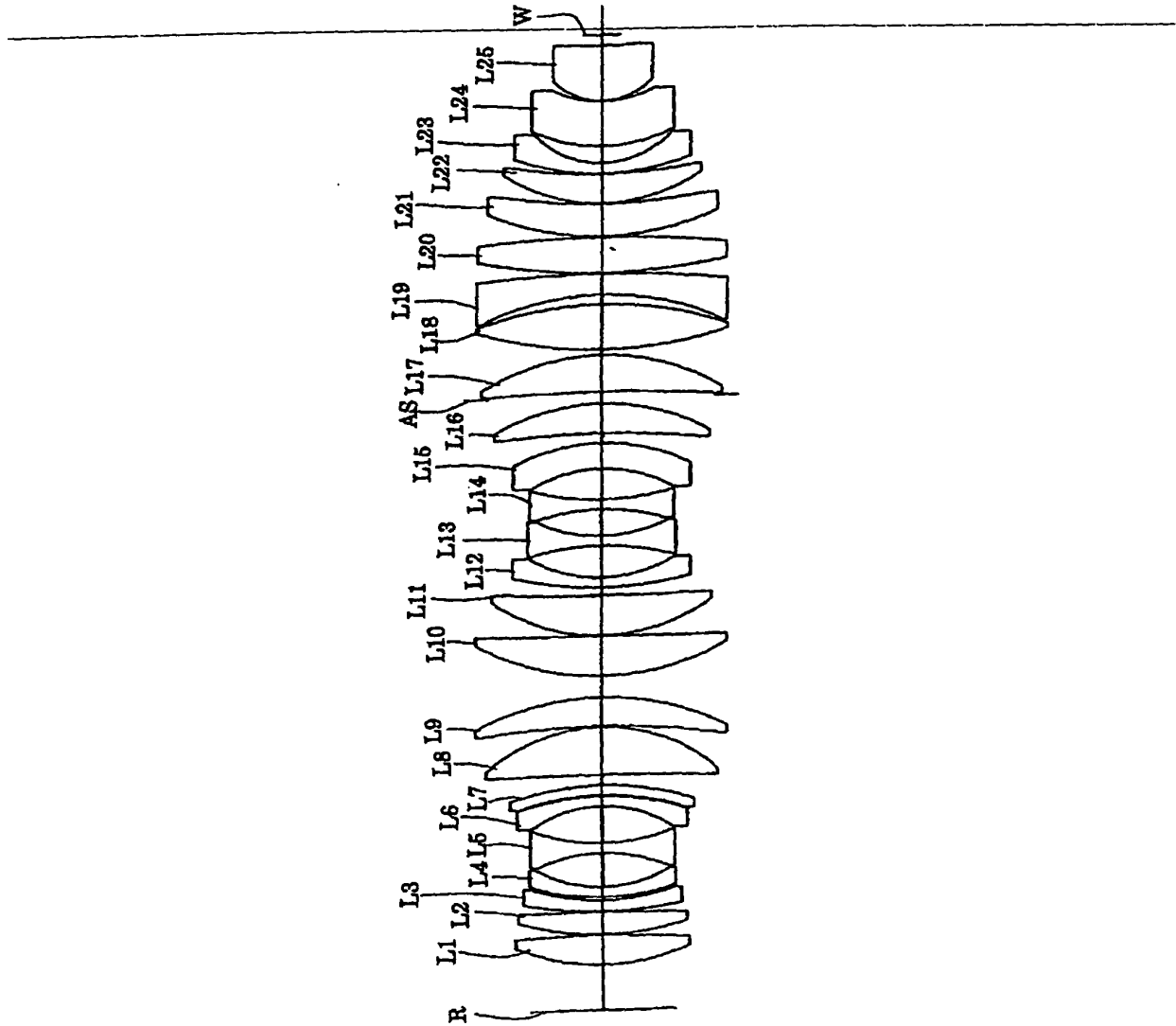


Fig.12A

SPHERICAL
ABERRATION
NA

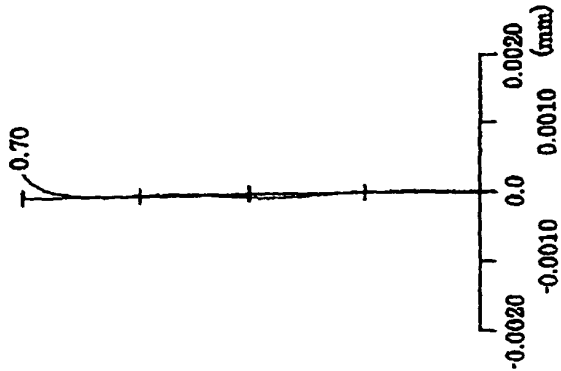


Fig.12B

ASTIGMATISM
Y (mm)

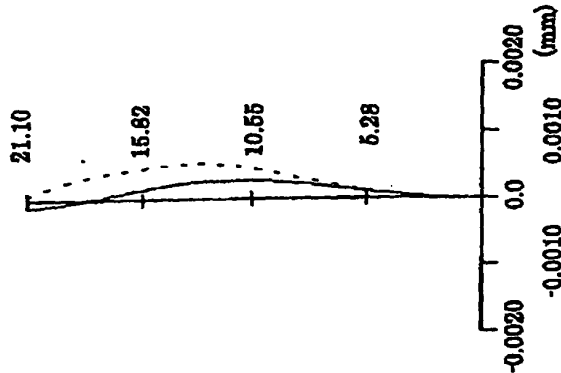
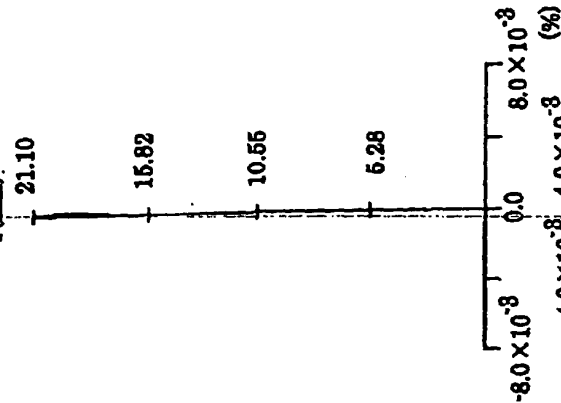


Fig.12C

DISTORTION
Y (mm)



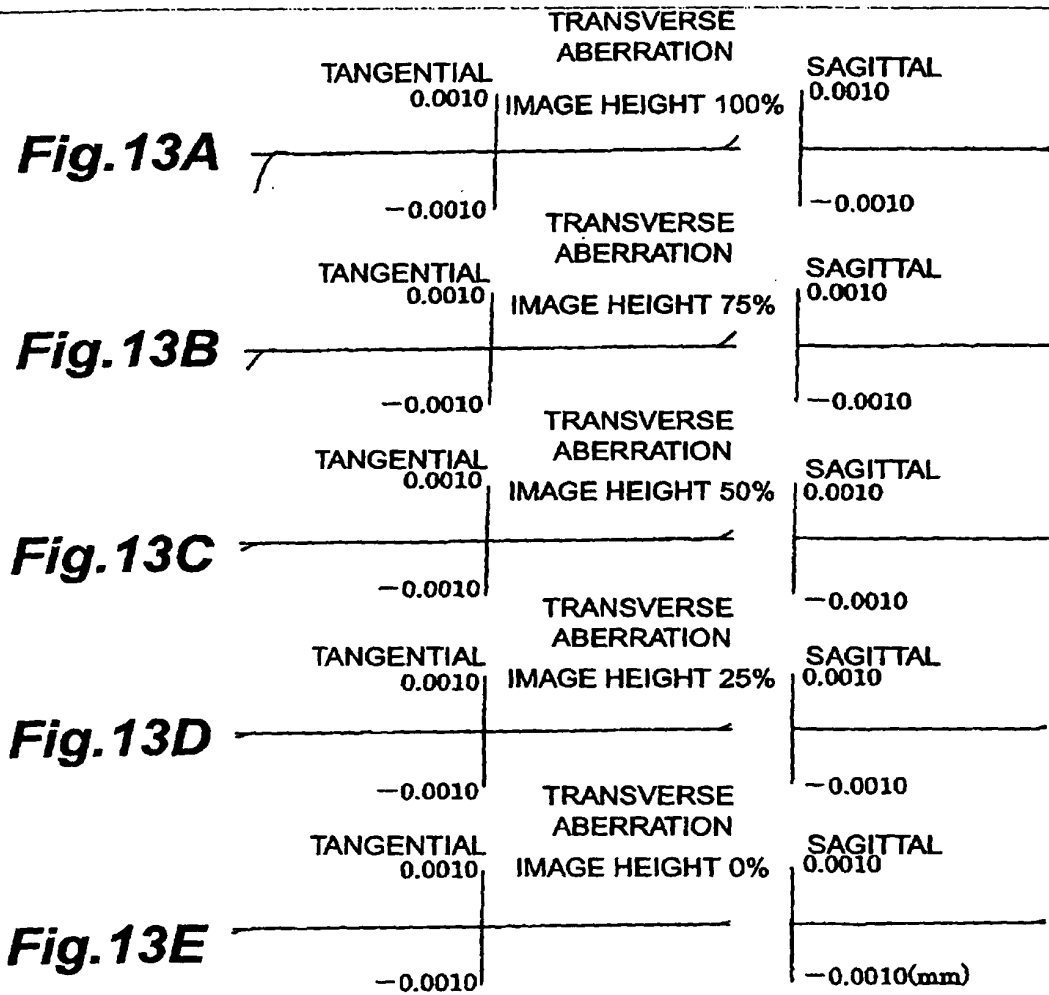


Fig.14

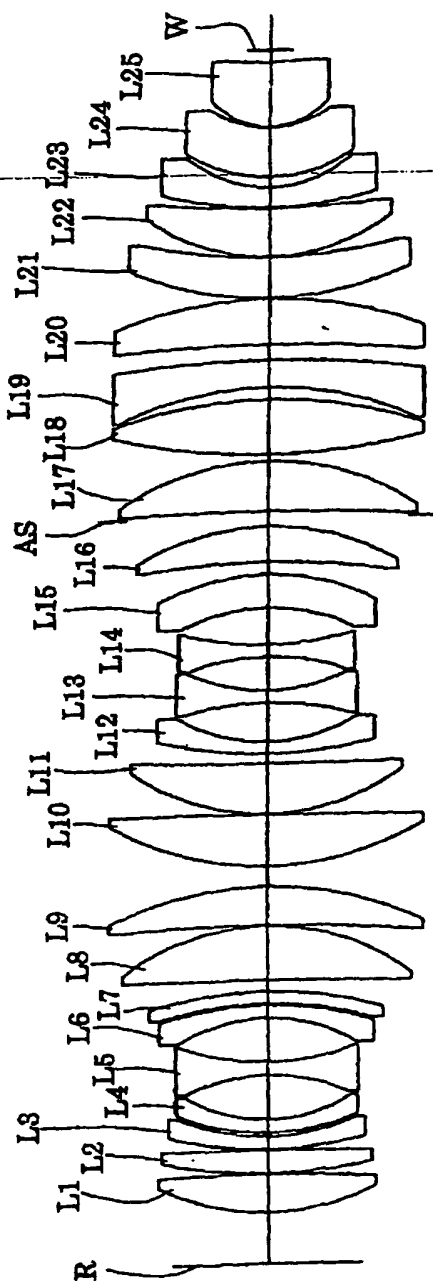


Fig. 15A

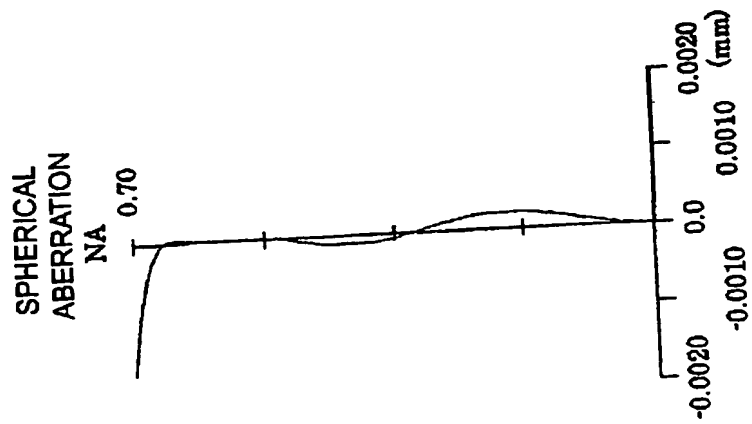


Fig. 15B

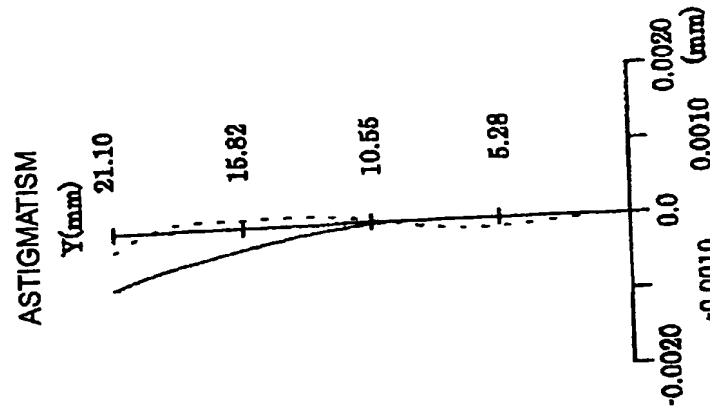
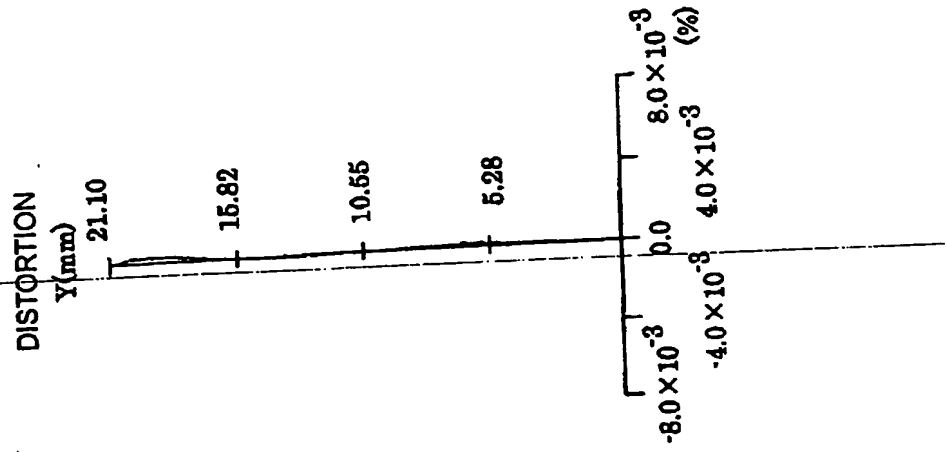


Fig. 15C



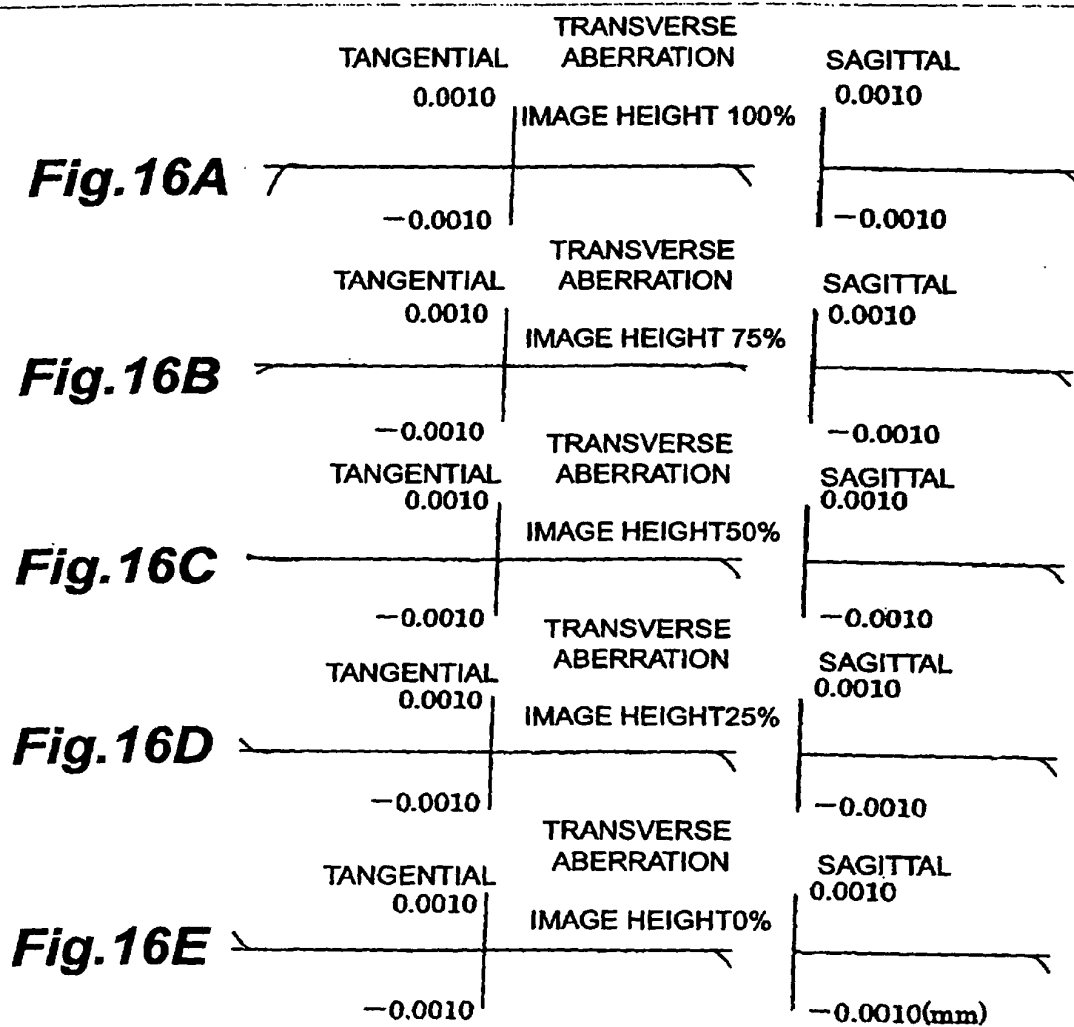
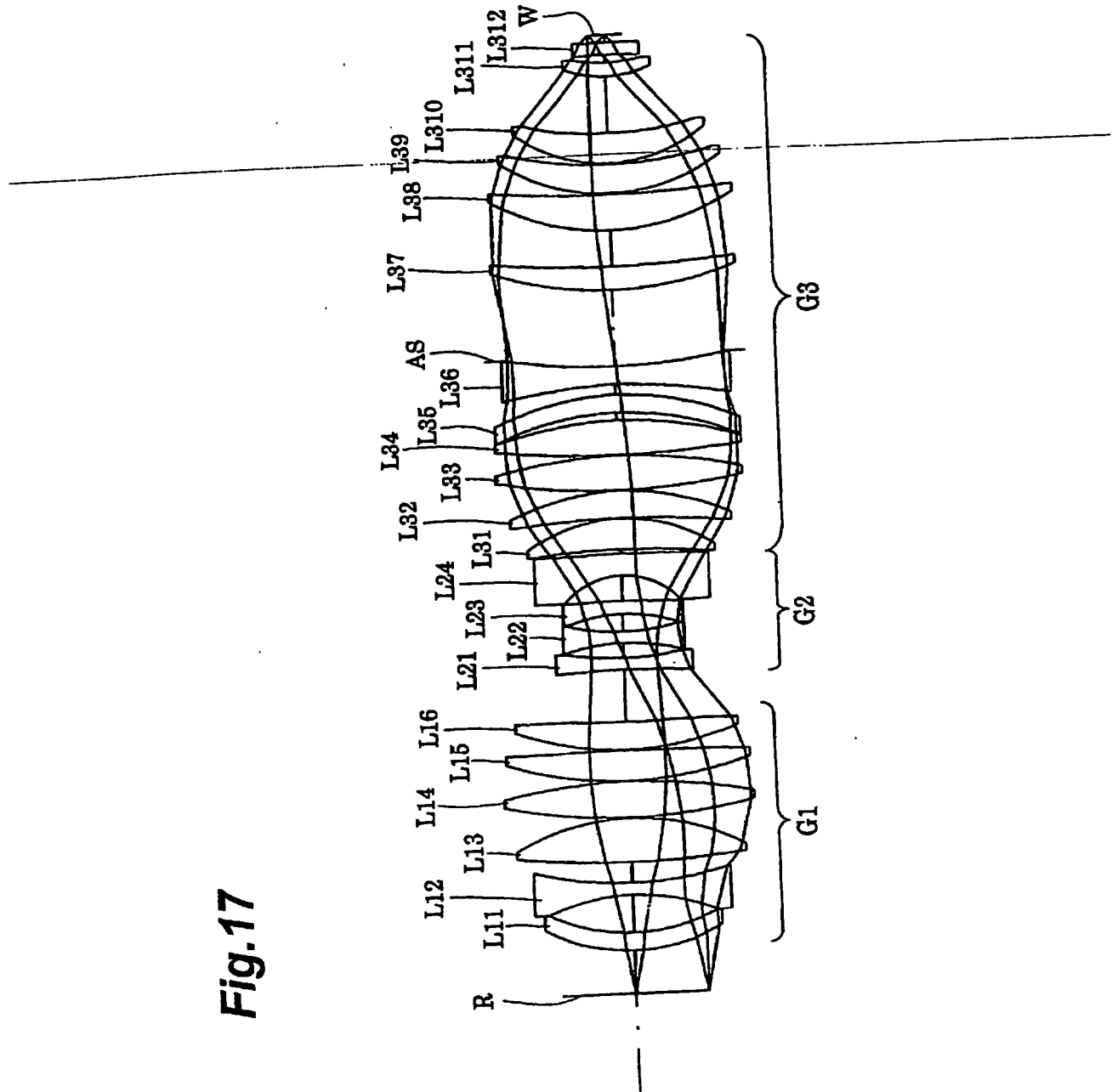


Fig.17



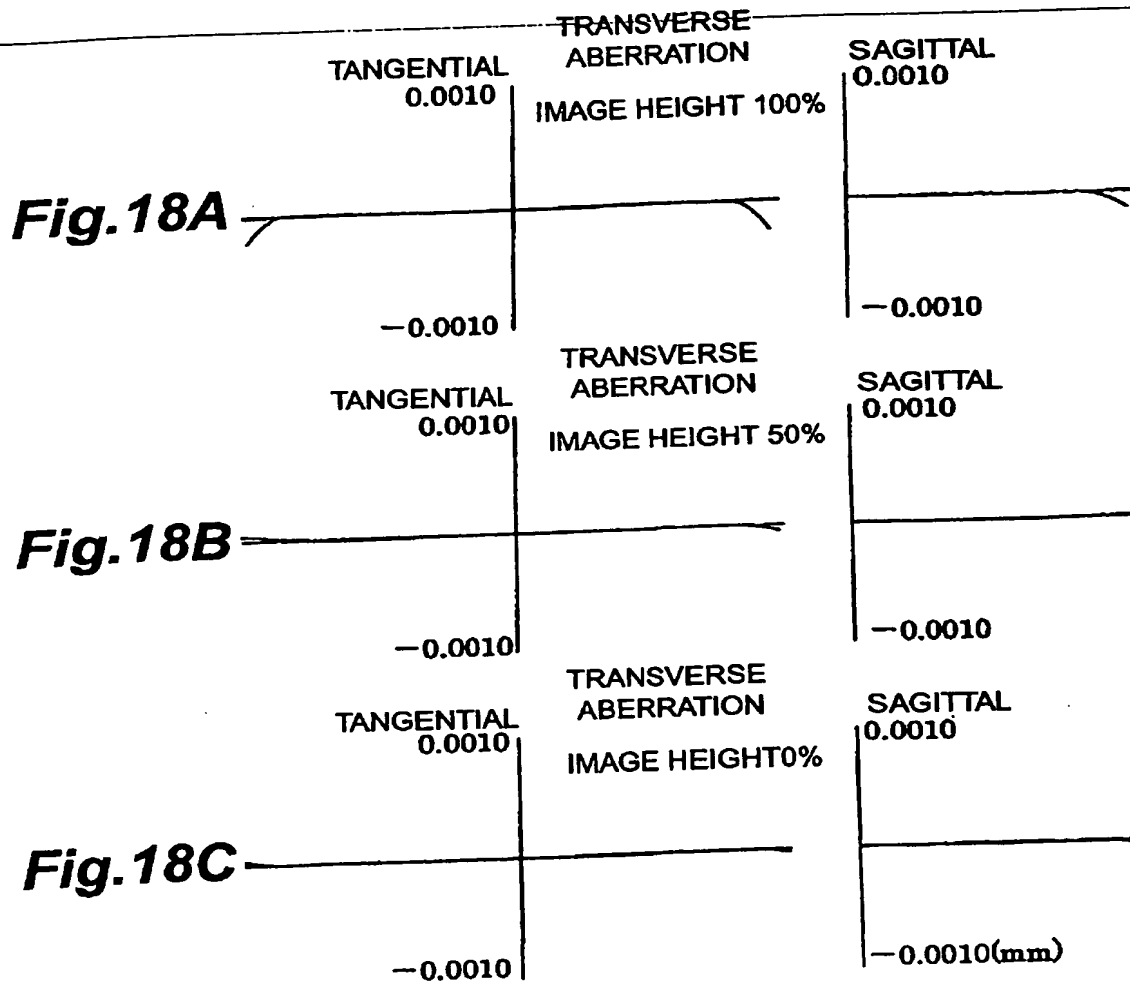


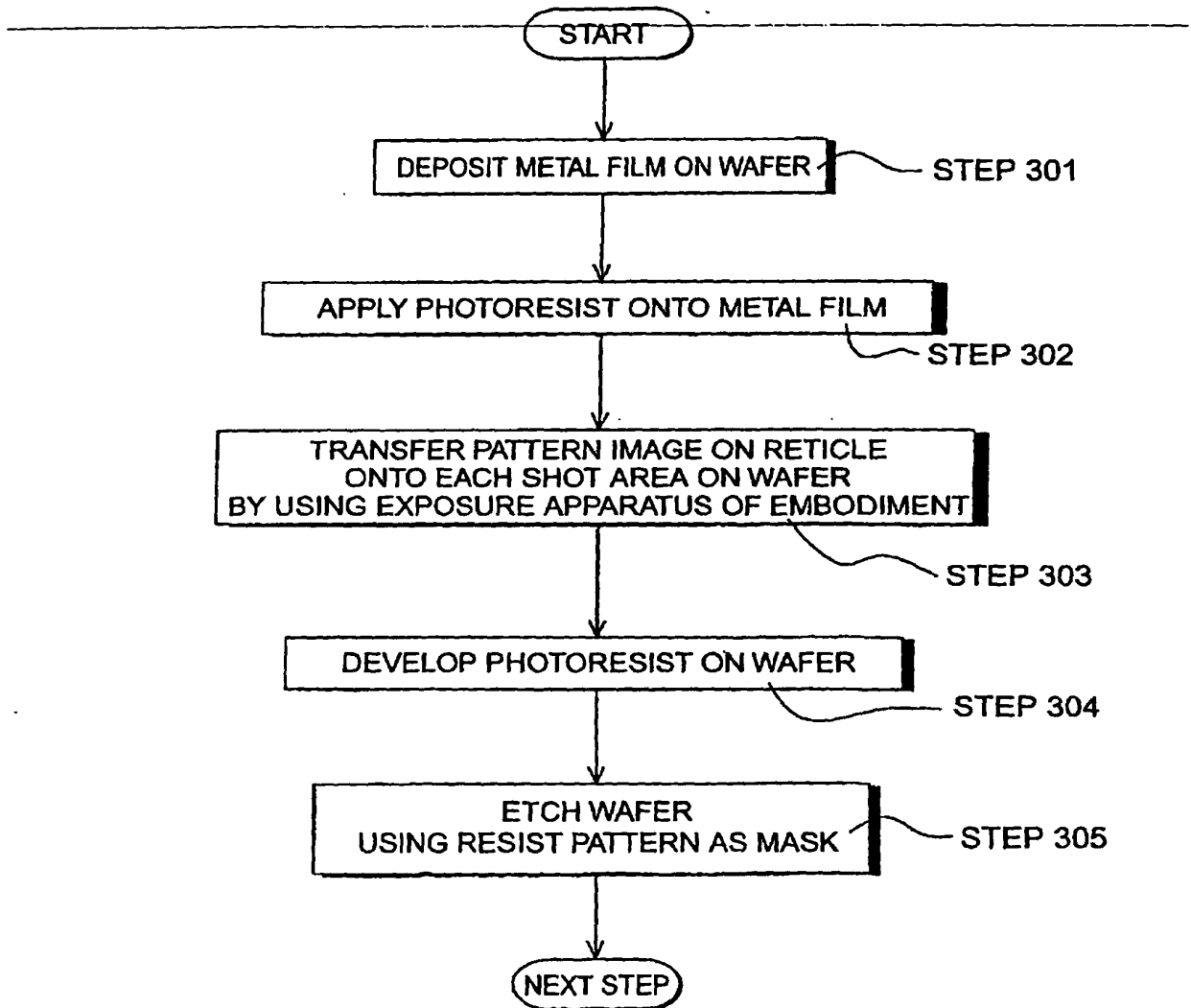
Fig.19

Fig.20

